

**Studies search strategy (up until December 31, 2022)**

Database	Search strategies	Results
PubMed	<p>(Green space[Title/Abstract] OR Greenspace[Title/Abstract] OR Greenness[Title/Abstract] OR Greenery[Title/Abstract] OR Garden[Title/Abstract] OR NDVI[Title/Abstract] OR Normalized Difference Vegetation Index[Title/Abstract] OR Wild land [Title/Abstract] OR Wild area[Title/Abstract] OR Wilderness[Title/Abstract] OR natural area[Title/Abstract] OR Natural land[Title/Abstract] OR Municipal land[Title/Abstract] OR recreation resource[Title/Abstract] OR natural amenities[Title/Abstract] OR Community land[Title/Abstract] OR Public land[Title/Abstract] OR Open land[Title/Abstract] OR Open space[Title/Abstract] OR Natural environment[Title/Abstract] OR Urban design[Title/Abstract] OR Built environment[Title/Abstract] OR Park[Title/Abstract] OR Forest[Title/Abstract] OR Residential green[Title/Abstract] OR Tree canopy[Title/Abstract] OR Tree cover[Title/Abstract] OR Vegetation[Title/Abstract] OR Leaf area index[Title/Abstract] OR Greenbelt[Title/Abstract] OR Green area[Title/Abstract] OR Botanic park[Title/Abstract] OR City park[Title/Abstract] OR Public garden[Title/Abstract] OR Park availability[Title/Abstract] OR Natural neighborhood[Title/Abstract] OR Natural facilities[Title/Abstract] OR Cycle path[Title/Abstract] OR Park access[Title/Abstract] OR wild space[Title/Abstract] OR public space[Title/Abstract] OR natural space[Title/Abstract] OR natural place[Title/Abstract] OR community space[Title/Abstract] OR municipal space[Title/Abstract] OR path green[Title/Abstract] OR trail green[Title/Abstract] OR greenbelt[Title/Abstract] OR neighborhood/neighborhood environment[Title/Abstract] OR living environment[Title/Abstract] OR residential environment[Title/Abstract] OR environmental feature[Title/Abstract] OR physical environment[Title/Abstract] OR physical activity resource[Title/Abstract] OR recreation opportunities[Title/Abstract] OR recreation destination[Title/Abstract] OR recreation facilities[Title/Abstract]) AND (Respiratory Diseases[Title/Abstract] OR Disease, Respiratory Tract[Title/Abstract] OR Respiratory Tract Disease[Title/Abstract] OR Respiratory System Diseases[Title/Abstract] OR Disease, Respiratory System[Title/Abstract] OR Respiratory System Disease[Title/Abstract] OR acute respiratory tract disease[Title/Abstract] OR adult respiratory distress syndrome[Title/Abstract] OR respiratory tract allergy[Title/Abstract] OR chronic aspecific respiratory tract disease[Title/Abstract] OR experimental respiratory disease[Title/Abstract] OR Asthma[Title/Abstract] OR Bronchial Asthma[Title/Abstract] OR Asthma, Bronchial [Title/Abstract] OR Asthma-Chronic Obstructive Pulmonary Disease Overlap Syndrome[Title/Abstract] OR Asthma, Aspirin-Induced[Title/Abstract] OR Asthma, Exercise-Induced[Title/Abstract] OR Asthma, Occupational[Title/Abstract] OR Status</p>	1979

	<p>Asthmaticus[Title/Abstract] OR allergic asthma[Title/Abstract] OR asthmatic state[Title/Abstract] OR extrinsic asthma[Title/Abstract] OR intrinsic asthma[Title/Abstract] OR nocturnal asthma[Title/Abstract] OR Chronic Obstructive Lung Disease[Title/Abstract] OR Chronic Obstructive Pulmonary Diseases[Title/Abstract] OR COAD[Title/Abstract] OR COPD[Title/Abstract] OR Chronic Obstructive Airway Disease[Title/Abstract] OR Chronic Obstructive Pulmonary Disease[Title/Abstract] OR Airflow Obstruction, Chronic[Title/Abstract] OR Airflow Obstructions, Chronic[Title/Abstract] OR Chronic Airflow Obstructions[Title/Abstract] OR Chronic Airflow Obstruction[Title/Abstract] OR Rhinitis[Title/Abstract] OR allergic rhinitis[Title/Abstract] OR perennial rhinitis[Title/Abstract] OR pollen allergy[Title/Abstract] OR atrophic rhinitis[Title/Abstract] OR chronic rhinitis[Title/Abstract] OR common cold[Title/Abstract] OR experimental rhinitis[Title/Abstract] OR rhinoconjunctivitis[Title/Abstract] OR rhinopharyngitis[Title/Abstract] OR rhinosinusitis[Title/Abstract] OR vasomotor rhinitis[Title/Abstract] OR respiratory symptoms[Title/Abstract] OR Apnea[Title/Abstract] OR Brief, Resolved, Unexplained Event[Title/Abstract] OR Cheyne-Stokes Respiration[Title/Abstract] OR Cough[Title/Abstract] OR Dyspnea[Title/Abstract] OR Epistaxis[Title/Abstract] OR Hemoptysis[Title/Abstract] OR Hoarseness[Title/Abstract] OR Hypercapnia[Title/Abstract] OR Hyperoxia[Title/Abstract] OR Hyperventilation[Title/Abstract] OR Hypocapnia[Title/Abstract] OR Hypoventilation[Title/Abstract] OR Hypoxia[Title/Abstract] OR Mouth Breathing[Title/Abstract] OR Respiratory Sounds[Title/Abstract] OR Rhinorrhea[Title/Abstract] OR Sneezing[Title/Abstract] OR Tachypnea[Title/Abstract] OR wheezing[Title/Abstract])</p>	
Web of Science	<p>((TI=(Green space OR Greenspace OR Greenness OR Greenery OR Garden OR NDVI OR Normalized Difference Vegetation Index OR Wild land OR Wild area OR Wilderness OR natural area OR Natural land OR Municipal land OR recreation resource OR natural amenities OR Community land OR Public land OR Open land OR Open space OR Natural environment OR Urban design OR Built environment OR Park OR Forest OR Residential green OR Tree canopy OR Tree cover OR Vegetation OR Leaf area index OR Greenbelt OR Green area OR Botanic park OR City park OR Public garden OR Park availability OR Natural neighborhood OR Natural facilities OR Cycle path OR Park access OR wild space OR public space OR natural space OR natural place OR community space OR municipal space OR path green OR trail green OR greenbelt OR neighborhood/neighborhood environment OR living environment OR residential environment OR environmental feature OR physical environment OR physical activity resource OR recreation opportunities OR recreation destination OR recreation facilities))) AND TI=(Respiratory Diseases OR Disease, Respiratory Tract OR Respiratory Tract Disease OR Respiratory Diseases OR Respiratory System Diseases OR Disease, Respiratory System OR Respiratory System</p>	143

	<p>Disease OR acute respiratory tract disease OR adult respiratory distress syndrome OR respiratory tract allergy OR chronic aspecific respiratory tract disease OR experimental respiratory disease OR Asthma OR Bronchial Asthma OR Asthma, Bronchial OR Asthma-Chronic Obstructive Pulmonary Disease Overlap Syndrome OR Asthma, Aspirin-Induced OR Asthma, Exercise-Induced OR Asthma, Occupational OR Status Asthmaticus OR allergic asthma OR asthmatic state OR extrinsic asthma OR intrinsic asthma OR nocturnal asthma OR Chronic Obstructive Lung Disease OR Chronic Obstructive Pulmonary Diseases OR COAD OR COPD OR Chronic Obstructive Airway Disease OR Chronic Obstructive Pulmonary Disease OR Airflow Obstruction, Chronic OR Airflow Obstructions, Chronic OR Chronic Airflow Obstructions OR Chronic Airflow Obstruction OR Rhinitis OR allergic rhinitis OR perennial rhinitis OR pollen allergy OR atrophic rhinitis OR chronic rhinitis OR common cold OR experimental rhinitis OR rhinoconjunctivitis OR rhinopharyngitis OR rhinosinusitis OR vasomotor rhinitis OR respiratory symptoms OR Apnea OR Brief, Resolved, Unexplained Event OR Cheyne-Stokes Respiration OR Cough OR Dyspnea OR Epistaxis OR Hemoptysis OR Hoarseness OR Hypercapnia OR Hyperoxia OR Hyperventilation OR Hypocapnia OR Hypoventilation OR Hypoxia OR Mouth Breathing OR Respiratory Sounds OR Rhinorrhea OR Sneezing OR Tachypnea OR wheezing)</p>	
Embase	<p>('green space':ab,ti OR 'greenspace':ab,ti OR 'greenness':ab,ti OR 'greenery':ab,ti OR 'garden':ab,ti OR 'ndvi':ab,ti OR 'normalized difference vegetation index':ab,ti OR 'wild land':ab,ti OR 'wild area':ab,ti OR 'wilderness':ab,ti OR 'natural area':ab,ti OR 'natural land':ab,ti OR 'municipal land':ab,ti OR 'recreation resource':ab,ti OR 'natural amenities':ab,ti OR 'community land':ab,ti OR 'public land':ab,ti OR 'open land':ab,ti OR 'open space':ab,ti OR 'natural environment':ab,ti OR 'urban design':ab,ti OR 'built environment':ab,ti OR 'park':ab,ti OR 'forest':ab,ti OR 'residential green':ab,ti OR 'tree canopy':ab,ti OR 'tree cover':ab,ti OR 'vegetation':ab,ti OR 'leaf area index':ab,ti OR 'green area':ab,ti OR 'botanic park':ab,ti OR 'city park':ab,ti OR 'public garden':ab,ti OR 'park availability':ab,ti OR 'natural neighborhood':ab,ti OR 'natural facilities':ab,ti OR 'cycle path':ab,ti OR 'park access':ab,ti OR 'wild space':ab,ti OR 'public space':ab,ti OR 'natural space':ab,ti OR 'natural place':ab,ti OR 'community space':ab,ti OR 'municipal space':ab,ti OR 'path green':ab,ti OR 'trail green':ab,ti OR 'greenbelt':ab,ti OR 'neighborhood/neighborhood environment':ab,ti OR 'living environment':ab,ti OR 'residential environment':ab,ti OR 'environmental feature':ab,ti OR 'physical environment':ab,ti OR 'physical activity resource':ab,ti OR 'recreation opportunities':ab,ti OR 'recreation destination':ab,ti OR 'recreation facilities':ab,ti) AND ('disease, respiratory tract':ab,ti OR 'respiratory tract disease':ab,ti OR 'respiratory diseases':ab,ti OR 'respiratory system diseases':ab,ti OR 'disease, respiratory system':ab,ti OR 'respiratory system disease':ab,ti OR 'disease, respiratory system':ab,ti OR 'respiratory system disease':ab,ti OR 'respiratory system diseases':ab,ti)</p>	2992

acute respiratory tract disease':ab,ti OR 'adult respiratory distress syndrome':ab,ti OR 'respiratory tract allergy':ab,ti OR 'chronic aspecific respiratory tract disease':ab,ti OR 'experimental respiratory disease':ab,ti OR 'asthma':ab,ti OR 'bronchial asthma':ab,ti OR 'asthma, bronchial':ab,ti OR 'asthma-chronic obstructive pulmonary disease overlap syndrome':ab,ti OR 'asthma, aspirin-induced':ab,ti OR 'asthma, exercise-induced':ab,ti OR 'asthma, occupational':ab,ti OR 'status asthmaticus':ab,ti OR 'allergic asthma':ab,ti OR 'asthmatic state':ab,ti OR 'extrinsic asthma':ab,ti OR 'intrinsic asthma':ab,ti OR 'nocturnal asthma':ab,ti OR 'chronic obstructive lung disease':ab,ti OR 'chronic obstructive pulmonary diseases':ab,ti OR 'coad':ab,ti OR 'copd':ab,ti OR 'chronic obstructive airway disease':ab,ti OR 'chronic obstructive pulmonary disease':ab,ti OR 'airflow obstruction, chronic':ab,ti OR 'airflow obstructions, chronic':ab,ti OR 'chronic airflow obstructions':ab,ti OR 'chronic airflow obstruction':ab,ti OR 'rhinitis':ab,ti OR 'allergic rhinitis':ab,ti OR 'perennial rhinitis':ab,ti OR 'pollen allergy':ab,ti OR 'atrophic rhinitis':ab,ti OR 'chronic rhinitis':ab,ti OR 'common cold':ab,ti OR 'experimental rhinitis':ab,ti OR 'rhinoconjunctivitis':ab,ti OR 'rhinopharyngitis':ab,ti OR 'rhinosinusitis':ab,ti OR 'vasomotor rhinitis':ab,ti OR 'respiratory symptoms':ab,ti OR 'apnea':ab,ti OR 'brief, resolved, unexplained event':ab,ti OR 'cheyne-stokes respiration':ab,ti OR 'cough':ab,ti OR 'dyspnea':ab,ti OR 'epistaxis':ab,ti OR 'hemoptysis':ab,ti OR 'hoarseness':ab,ti OR 'hypercapnia':ab,ti OR 'hyperoxia':ab,ti OR 'hyperventilation':ab,ti OR 'hypocapnia':ab,ti OR 'hypoventilation':ab,ti OR 'hypoxia':ab,ti OR 'mouth breathing':ab,ti OR 'respiratory sounds':ab,ti OR 'rhinorrhea':ab,ti OR 'sneezing':ab,ti OR 'tachypnea':ab,ti OR 'wheezing':ab,ti)